



CDM8240

Technical Manual

Version: V1.3

Release: 2009-6-24

GRG Banking Equipment Co., Ltd.

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1. General Description

CDM8240 dispenser is an advanced cash dispensing module, experiencing years of research and development by GRGBanking, has possessed completely independent intellectual property and reached international advanced level. It consists of cassette and frame, reject tray, note feeder, high-precise detection unit, note stacker unit, note transport and note presenter. The cassette may be expanded up to four. The dispenser precisely picks up required notes from the assigned cassette to the user, lets the unqualified notes to the reject tray, and it also has the notes auto-retract function if the customer forgets to take the money away. In a word, it has the advantage of high-reliability, easy to operate and maintain.

2. Model

CDM8240

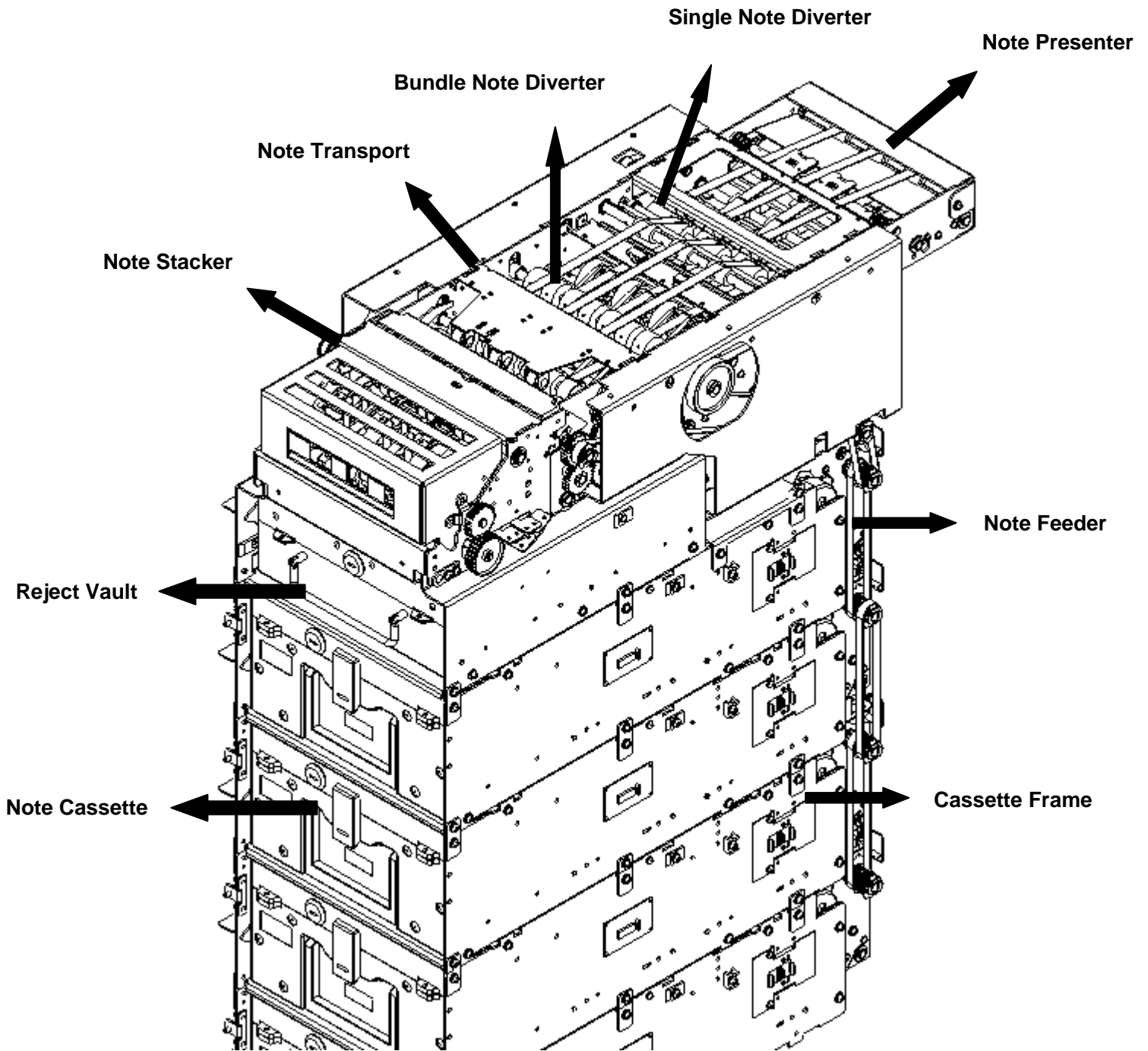
3. Terms

CDM----Cash Dispense Module

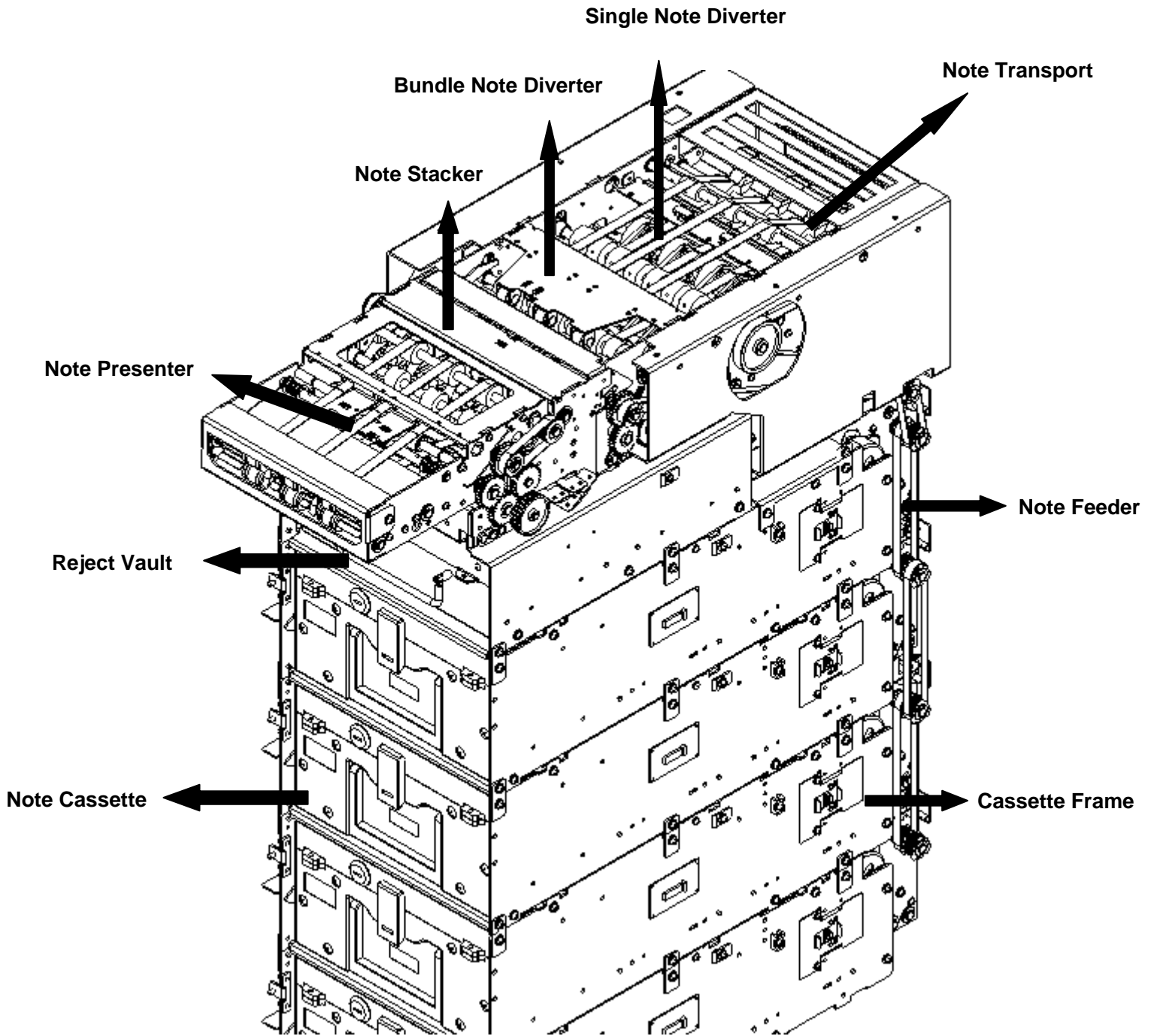
4. Overview

4.1 Presentation

CDM8240 Rear service, standard throat

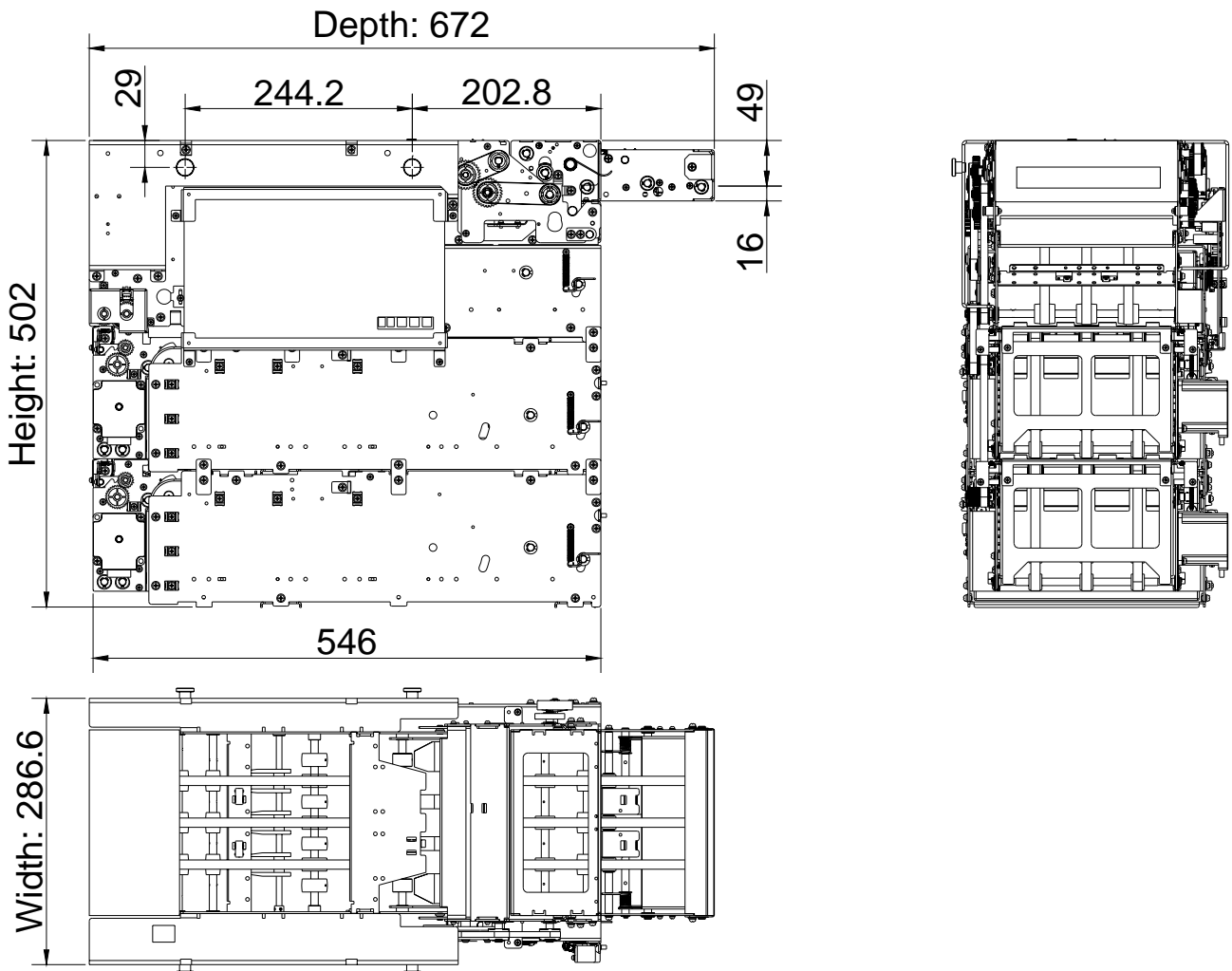


CDM8240 Front service, standard throat



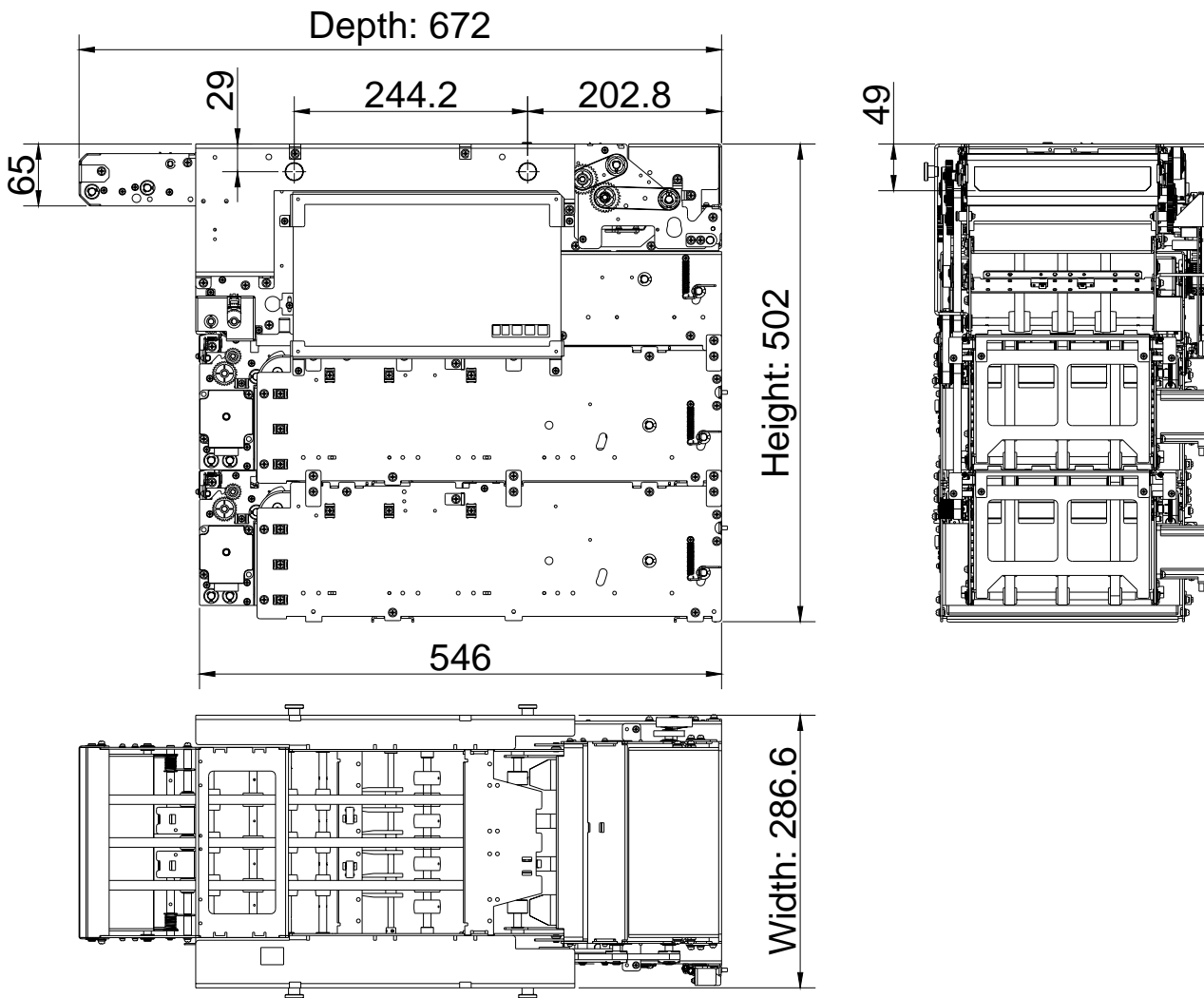
4.2 Dimensions (mm)

CDM8240 Front service, standard throat dimensions



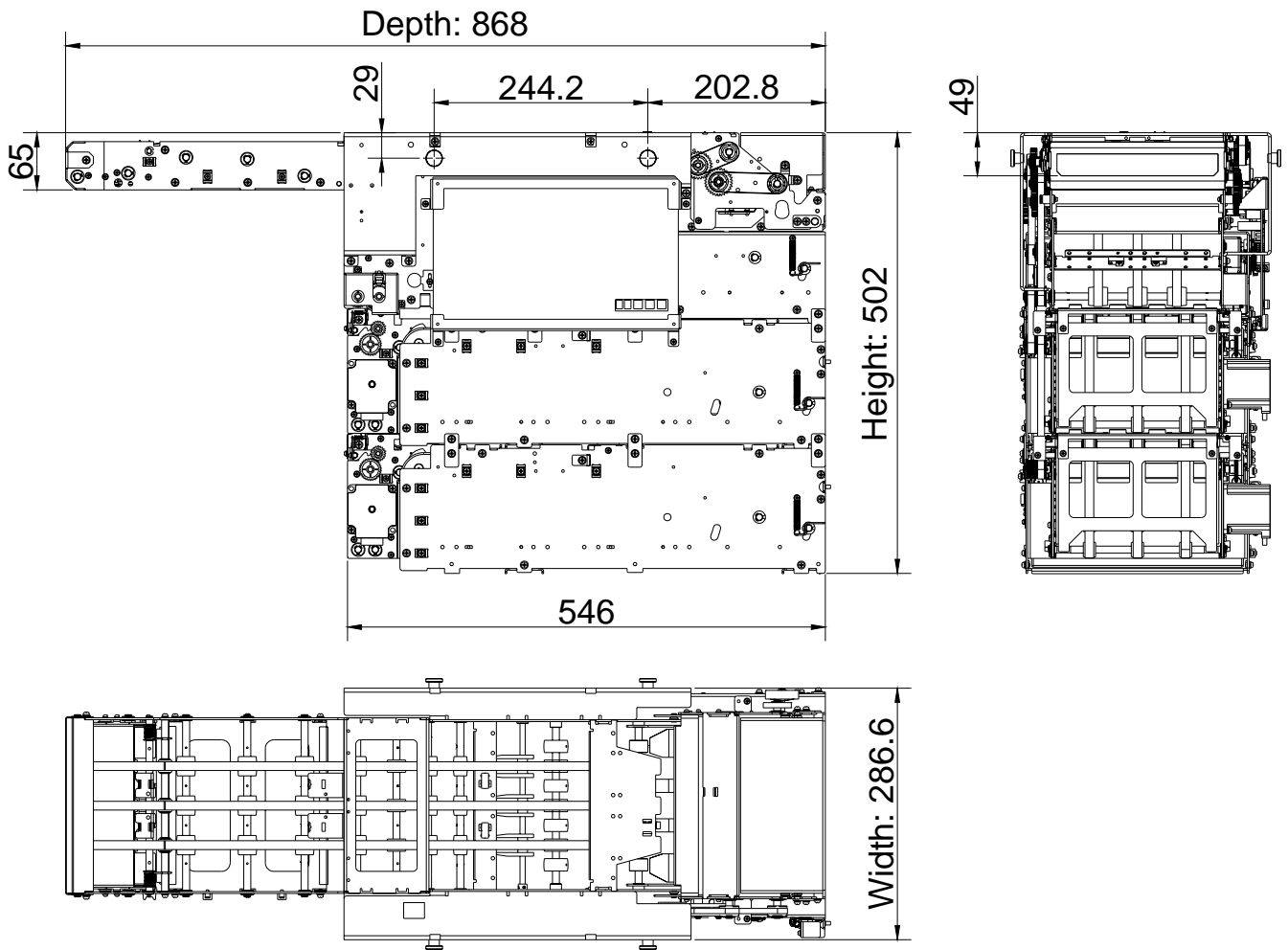
Above is the two cassettes height, with the increase of every cassette, the height shall be added by 142.5mm.

CDM8240 Rear service, standard throat dimensions



Above is the two cassettes height, with the increase of every cassette, the height shall be added by 142.5mm.

CDM8240 Rear service, long throat dimensions



Above is the two cassettes height, with the increase of every cassette, the height shall be added by 142.5mm.

5. Functionalities

- ◆ Friction dispensing, strongly adapts to all kinds of paper money.
- ◆ Up to four cassettes, each contains 3000 notes.
- ◆ 7 notes/second high dispensing speed.
- ◆ Maximum 60 notes per transaction.
- ◆ Reliable and steady detect unit (double, folded and worn notes etc detected).
- ◆ Low level detection.
- ◆ Has the note stacker area, pre-delivery and auto retract function.
- ◆ Separate reject tray with mechanical lock.
- ◆ Self Calibration function, automatically records the note information.

6. Features

- ◆ Optional high-security cassette and separate reject tray with lock and seal-leading.
- ◆ Double transport path for the note diverter. Separate single reject and bundle retract area.
- ◆ Optional long throat for the presenter.
- ◆ Easy operation for the front service to rear or rear service to front.
- ◆ Log record and inquiry function, transaction log recorded for at least three months.
- ◆ Offline self-diagnostic function, convenient to debug.
- ◆ Onsite replacement of wearing part, easy to maintain.
- ◆ Modular design, easy to disassemble and assemble.

7. Technical Specifications

7.1 Electrical specifications

Item		Description
Power	Input voltage	AC 110V \pm 10%; 220V \pm 10%
	Output voltage	DC 24V, 200W
	Consumption	Idle 30W; Operating 100W
Environmental conditions	Operating temperature	0 ^o C~50 ^o C
	Operating humidity	20%~90%RH (non-condensing)
	Temperature change rate	10 ^o C per hour
	Humidity change rate	10% per hour
Communication interface		RS-232/ USB (optional)
Weight	CDM8240 standard throat: 42 Kg (two cassettes weight, with the increase of every cassette, the weight shall be added by 11kg.)	
	CDM8240 long throat: 44 Kg (two cassettes weight, with the increase of every cassette, the weight shall be added by 11kg.)	
Dimension	CDM8240 standard throat: 284.6 (W) x 672 (D) x502 (H) mm (two cassettes dimension, with the increase of every cassette, the height will be added by 142.5)	
	CDM8240 long throat: 284.6 (W) x 868 (D) x502 (H) mm (two cassettes dimension, with the increase of every cassette, the height will be added by 142.5)	

7.2 Performance specifications

Item		Description
Note Cassette	Expandability	Up to 4
	Cassette capacity	3000 notes
	Reject tray capacity	100(single area)+250(bundle area)
	Security	Mechanical lock and lead sealing
Media ranges	Length	110mm ~172 mm
	Width	55mm ~85 mm
	Thickness	0.06mm ~0.18 mm
Dispensing system		Friction
Dispensing mode		Bundle
Dispensing speed		7 notes/second
Maximum notes per transaction		60 notes
Low level detection		50~250 notes (adjustable)
Reject mode		Single/Bundle
Maintenance		Front/Rear